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It is demonstrated that the polymethylene from diazo-
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class of material with the modern linear polyethylenes
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course of the polymerization of ethylene at 7000 atm.
is, therefore, incorrect. (Author)

(Chemistry--Organic, TT, v. 3, no. 7)

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All Civil Classification Based on ...
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Sci. - Fuels
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(CRL/T.644 Draft)

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Dept of Interior
TNT 857 No 439

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**Sci + Mechanical, Industrial,
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IN 7 RST No 441

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61-22641

From: H. M. and Hoyerath, A.
SOLUBLE IN METHYL FOR THE DETERMINATION
OF CARBON AND HYDROGEN, AS WELL AS SULFUR
IN SOLID AND LIQUID FUELS. [1961] 11p.
Order from ATS \$13.95

ATS 7-5190

Trans. of Engeström, Chemist (West Germany) 1960,
v. 41, no. 10, p. 576-583.

DESCRIPTION: *Fuels, Chemical analysis, *Carbon,
Hydrogen, *Sulfur, Determination.

I. Reinscher, W.
II. Hoyerath, A.
III. ATS-70N50G
IV. Associated Technical
Services, Inc., East
Orange, N. J.

170340

Office of Technical Services

(Materials--Fuels, TT, v. 6, no. 3)

Zosel, K.
T. SIGNIFICANT IMPROVEMENTS IN ORGANIC-
A. ALUMINUM SYNTHESIS. [1961] 11p.
C. From ATS \$16.60 ATS-22N49G

Trans. of Brennstoff-Chem[ie] (West Germany)
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61-12992

- I. Aluminum compounds
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- I. Zosel, K.
- II. ATS-22N49G
- III. Associated Technical Services,
Inc., East Orange, N. J.

ATS/996-G+

158921

Office of Technical Services

Zosel, Kurt.
TWO ESSENTIAL IMPROVEMENTS IN ALUMINO-
ORGANIC SYNTHESIS. [1963] 22p
Order from K-H \$22.00 K-H 10613

Trans. of Brennstoff-Chemie (West Germany) 1960,
v. 41, no. 11, p. 321-323.
Another trans. is available from ATS \$16.00 as
ATS-22N49G [1961] 11p.

DESCRIPTORS: *Metalorganic compounds, *Aluminum
compounds, Synthesis (Chemistry).

(Chemistry--Organic, TT, v. 10, no. 10)

63-22513

- I. Zosel, K.
- II. K-H-10613
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Detroit, Mich.

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Determining the Ignition Temperature of Solid
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by E. Gugal, 5 pp.

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No 12, 1960, pp 375-376.

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Sol - Chem

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On the Softening Behaviour of Coals in the
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GERMAN, per, Brennstoff-Chemie, Vol XLII,
No 1, 1961, pp 17-21.

CRL/T.798

Sci
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Physical and Chemical Properties of Structural
Components of Hard Coals, by C. Kroger,
G. Mäues.

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CRL/T.723

Sci
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BERMAN, per, Brennstoff-Chemie, Vol XLII,
No 2, 1961, pp 40-46.

CRL/T.799

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On the Reactivity of Coke, by W. Peters, G. W. Lask.

GERMAN, per, Brennstoff-Chemie, Vol XLII, No 3, 1961,
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CRL/T 961

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Eckhardt, F. and Heinze, H. -O.
COMPARISON OF CONVENTIONAL ANALYTICAL
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SPECTROSCOPIC ANALYSIS (Vergleich Konven-
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Analyse). [1961] [23]p. (foreign text included).
Order from SLA \$2.60 61-20077

Trans. of Brunatoff-Chemie (West Germany) 1961,
v. 42 [no. 4] p. (50-54) 136-140.

DESCRIPTORS: Coal tar, Pyridines, Phenols, Naph-
thalenes, "Gas chromatography, "Spectrographic
analysis, Chromatographic analysis

The conventional analytical methods for valuable coal
constituents are compared with gas-chromatographic
(Chemistry--Analytical, TT, v. 7, no. 4) (over)

61-20077

I. Eckhardt, F.
II. Heinze, H. -O.

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Iron Catalysts ($\alpha\text{Fe}_2\text{O}_3$), by G. M. von Leuteritz.

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GPC

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Trace Analysis With Flame Ionisation Detector
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graphy. I. Determination of Traces of Acetylene
in Ethylene and Detection of Trace Components
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No 6, 1961, pp 194-199.

GB/256/T.1453

Sci-Chem

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Order from ATS \$15.95

ATS-92N55/3

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v. 41, no. 7, p. 220-223.

DESCRIPTORS: *Petroleum, *Synthetic waxes,
Production.

(Chemistry--Organic. TT. v. 6, no. 12)

61-25696

- I. Sherwood, P. W.
- II. ATS-92N55G
- III. Associated Technical
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ATS/774-65

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On the Mechanism of Carbonisation, by H. Pichler,
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GERMAN, per, Brennstoff-Chemie. Vol XLII, 1
No 8, 1961 pp 241-245.

CRL/T. 904

Sci
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TT-65-12419

Field 7D

Halasz, I.; Wegner, E. E.
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SEPARATION OF LIGHT BOILING HYDROCARBONS. 15p.
25refs.
Order from SLA: \$1.60 as TT-65-12419

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v42 n9 p251-7 1961.

I. Halasz, I.
H. Wegner, E. E.

MR 632

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Order from ATS \$16.75 ATS-49N58G

Trans. of Brenntag-Chemie (West Germany) 1961,
v. 42, no. 9, p. 273-277.

DESCRIPTORS: *Propenes, Polymerization, Electro-
chemistry.

(Chemistry--Physical, TT, v. 8, no. 1)

62-17140

- I. Kolbel, H.
- II. Klamann, D.
- III. Boldt, M.
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ATS-691-GJ

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Order from ATS \$19.65

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Trans. of. ~~Illegible~~ (West Germany) 1961, v. 42, no. 9, p. 278-283.

DESCRIPTORS: *Sulfur compounds, Gases, Oils, Desulfurization, Catalysts, Catalysis.

(Engineering--Chemical, TT, v. 7, no. 10)

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- II. Vlugter, J. C.
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AEC-NP-Tr-1127

Sci-Chem
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Sci-Phys
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**Coal Chemistry About the Physical and Chemical
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Sci - Mat & Mat

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TT-65-12430

Field 7A

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CHEMICAL ACTION OF A GAS DISCHARGE ON
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I. Kraaijveld, H. J.
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Significance of Dilatometer Test in the
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GERMAN, per, Brennstoff Chem, Vol XLII, 1961,
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Sci - Chem

B.H.C. 200/7. 141

Jun 62

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G. Herbst.

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pp 4-20

ACI \$1.40

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Biochemical Coalification of Exinite in Micro-
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CRL/T 1100

Sci-Fuels & Propulsion
Mar 63

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